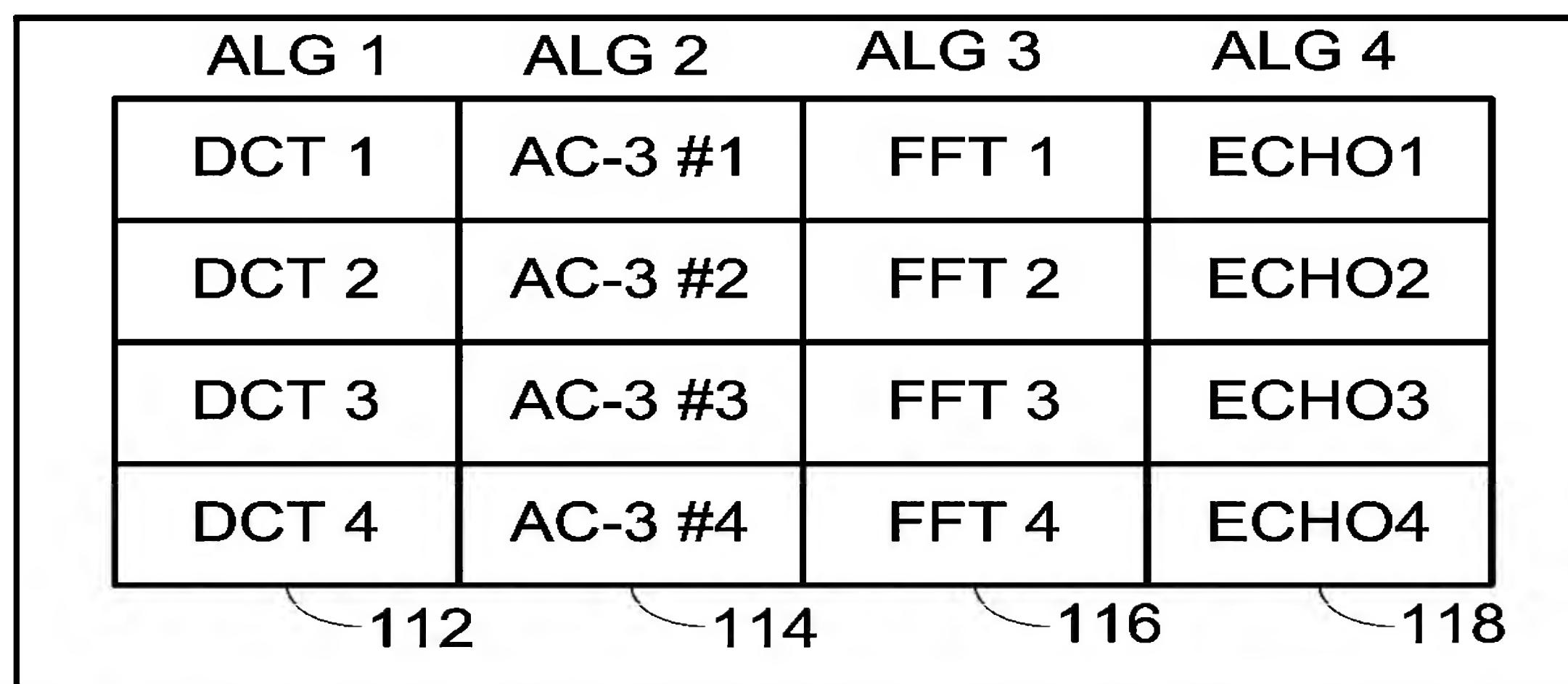
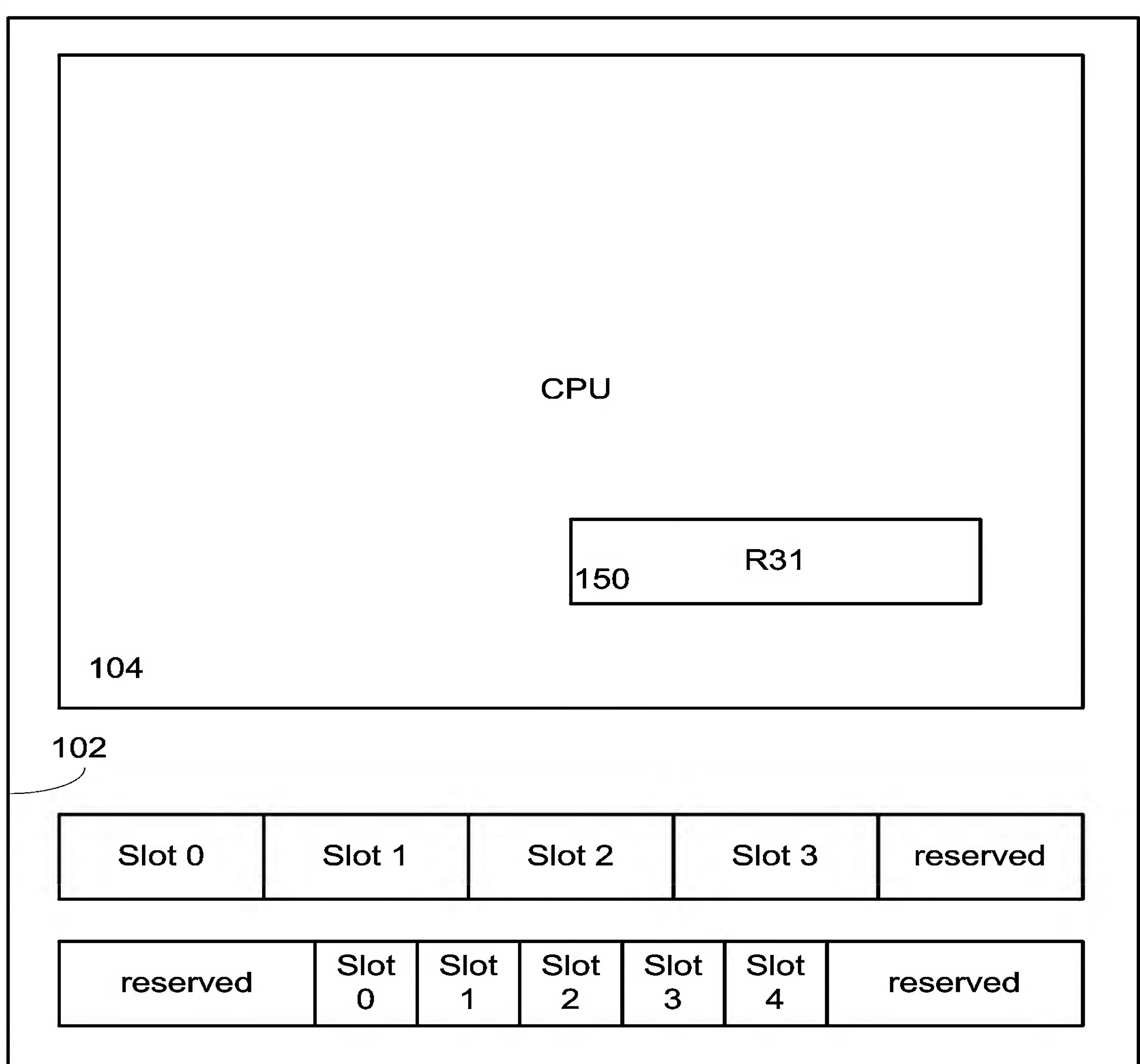


Fig. 1



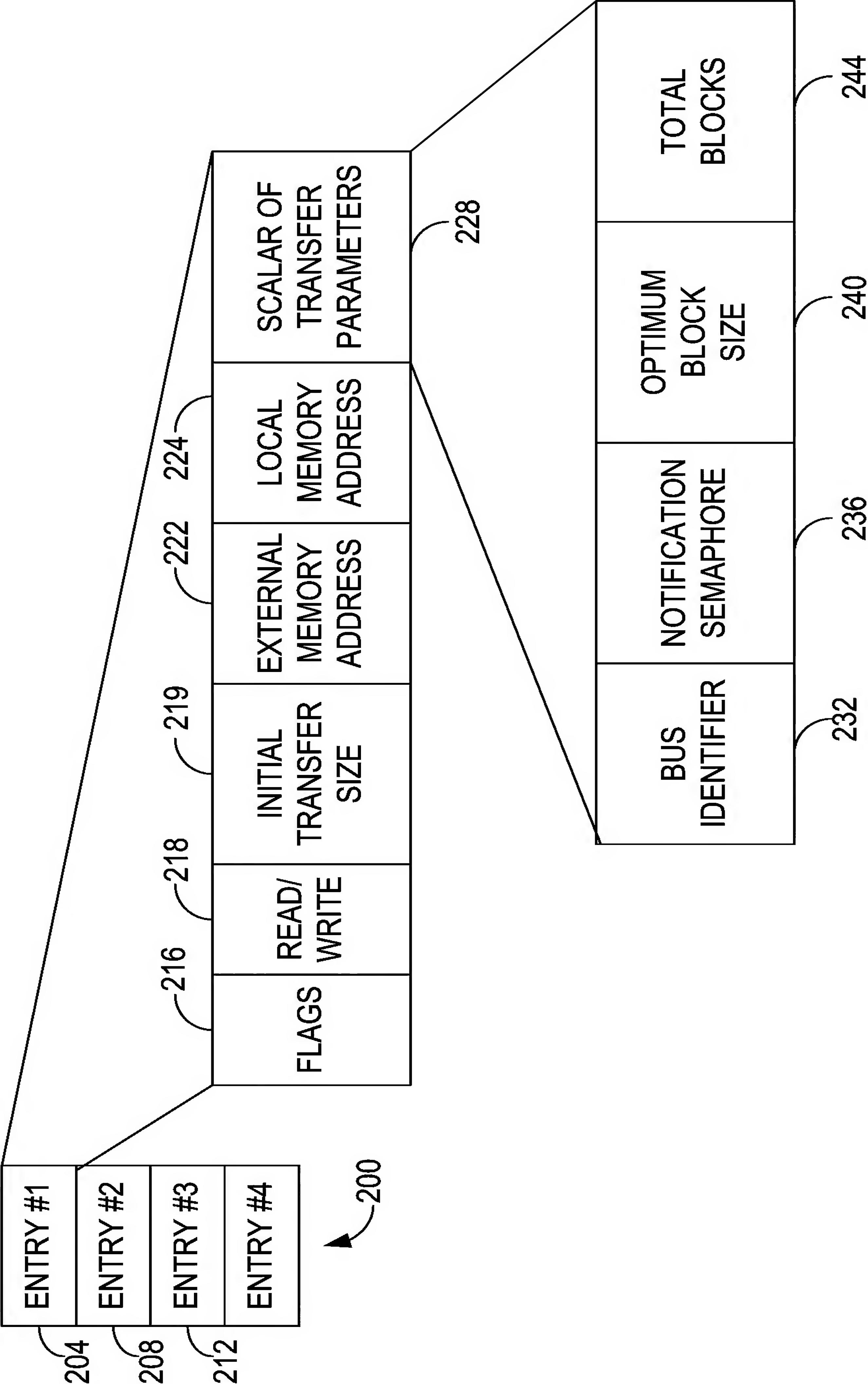


Fig. 2

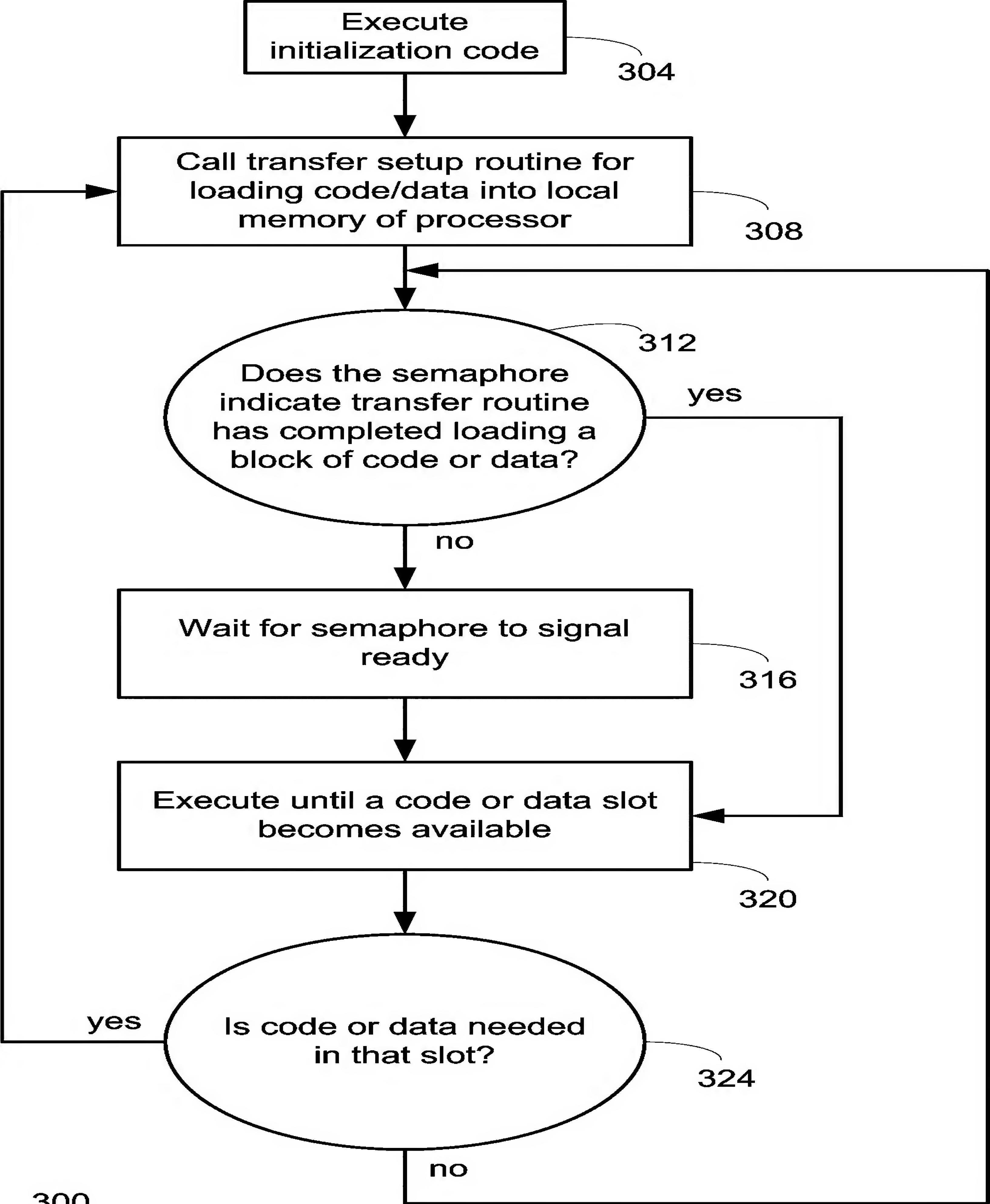


Fig. 3A

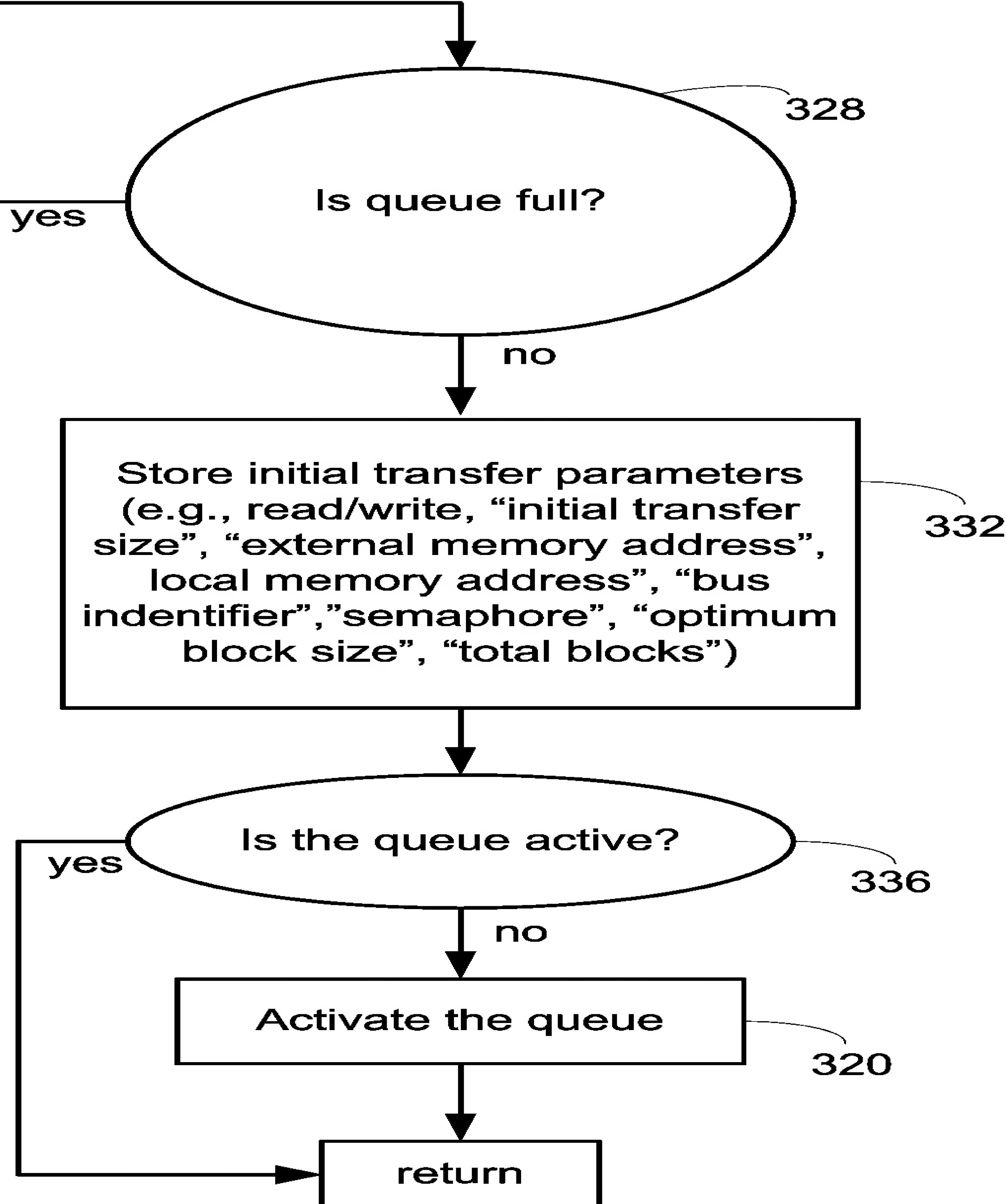


Fig. 3B

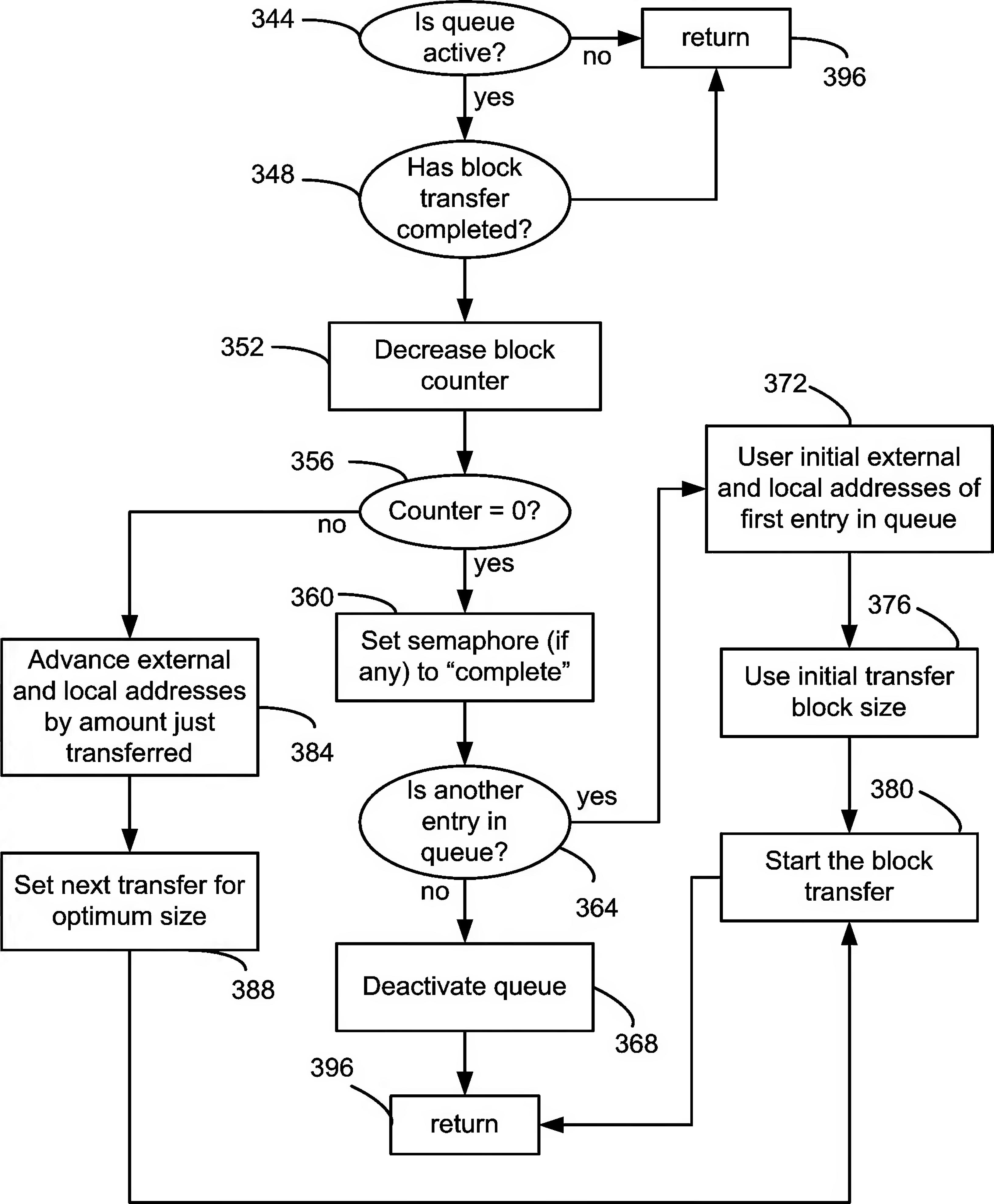


Fig. 3C

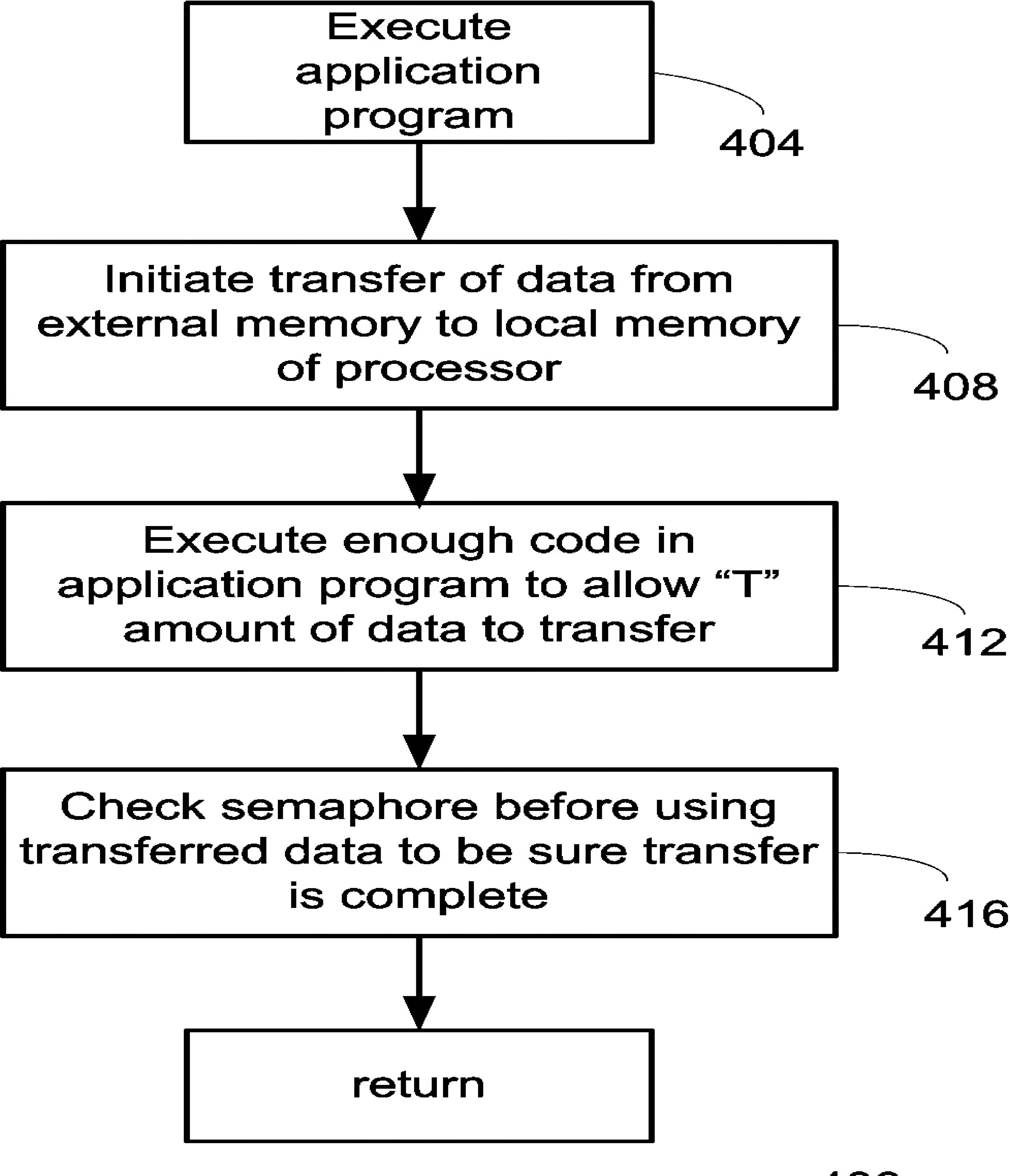


Fig. 4

Determine number of bytes (N) transferred in background during duration of average instruction's execution

504

Determine fraction of system bandwidth allocated to execution unit running transfer routine (x)

508

Execute $T/(N \times x)$ instructions to transfer "T" bytes

512

end

500

Fig. 5